

stations must transmit, without discrimination, messages from aircraft which have entered into cooperative arrangements governing the operation and maintenance of such stations. Aeronautical fixed station licensees are required to transmit, without charge or discrimination, all emergency communications.

§ 87.277 Supplemental eligibility.

Aeronautical fixed station licenses will only be issued to the licensees of associated aeronautical enroute stations. Aeronautical fixed station licenses will not be issued where adequate land line facilities are available.

§ 87.279 Frequencies.

(a) *United States (except Alaska)*. The applicant must request specific frequencies in accordance with § 2.106 of this chapter. The Commission will determine the suitability of the applicant's selection based on the probability of interference to and from existing services assigned on the same or adjacent frequencies. All new assignments of frequencies will be subject to such conditions as may be required to minimize the possibility of harmful interference to existing services.

(b) *Alaska*. (1) Only stations which serve scheduled air carriers will be licensed. Applicants must show that the station will provide communications only along routes served by the scheduled operations of such carriers.

(2) The following frequencies are available in Alaska. These frequencies will only be licensed in conjunction with licenses for use of the aeronautical enroute frequencies specified in § 87.263(c).

| | kHz |
|--------|--------|
| 2648.0 | 5310.0 |
| 4645.0 | 5887.5 |
| 4947.5 | 8015.0 |
| 5122.5 | |

(c) *Gulf of Mexico*. In addition to the provisions of paragraph (a) of this section, the frequencies 4550.0 and 5036.0 kHz are available in the Gulf of Mexico.

Subpart J—Flight Test Stations

§ 87.299 Scope of service.

The use of flight test stations is restricted to the transmission of necessary information or instructions relating directly to tests of aircraft or components thereof.

§ 87.301 Supplemental eligibility.

(a) The following entities are eligible for flight test station licenses:

(1) Manufacturers of aircraft or major aircraft components;

(2) A parent corporation or its subsidiary if either corporation is a manufacturer of aircraft or major aircraft components; or

(3) Educational institutions and persons primarily engaged in the design, development, modification, and flight test evaluation of aircraft or major aircraft components.

(b) Each application must be accompanied by a statement containing facts sufficient to establish the applicant's eligibility under the criteria in paragraph (a) of this section.

§ 87.303 Frequencies.

(a) These frequencies are available for assignment to flight test land and aircraft stations:

| | | | |
|---------------------|----------------------|----------------------|----------------------|
| 3281.0 ¹ | 123.175 ² | 123.225 ³ | 123.400 ² |
| | 123.200 ³ | 123.375 ³ | 123.450 ³ |

(b) These additional frequencies are available for assignment only to flight test stations of aircraft manufacturers:

| | | | |
|----------------------|----------------------|-----------------------|----------------------|
| 123.125 ² | 123.275 ³ | S123.425 ³ | 123.550 ³ |
| 123.150 ² | 123.325 ³ | S123.475 ³ | 123.575 ² |
| 123.250 ³ | 123.350 ³ | S123.525 ³ | |

¹When R3E, H3E or J3E emission is used, the assigned frequency will be 3282.4 kHz (3281.0 kHz carrier frequency).

²This frequency is available only to itinerant stations that have a requirement to be periodically transferred to various locations.

³Mobile station operations on these frequencies are limited to an area within 320 km (200 mi) of an associated flight test land station.

(c) These frequencies are available for equipment test, emergency and backup use with aircraft beyond the range of VHF propagation. Either H2B, J3E, J7B or J9W emission may be used.

Frequencies (carrier) available kHz:

| | kHz |
|--------|---------|
| 2851.0 | 8822.0 |
| 3004.0 | 10045.0 |
| 3443.0 | 11288.0 |